

BENDABLE CUTTING DEVICE

ABSTRACT OF THE DISCLOSURE

Devices and methods for a minimally invasive procedure for cutting tissue are
5 disclosed. The device generally includes a probe with a distal exit at an exit angle relative
to the probe, a cutting loop with shape memory having a preconfigured shape, and a loop
securing mechanism to secure the cutting loop in a penetrating configuration and to
release the cutting loop into a cutting configuration. The cutting loop is generally within
a profile of the probe in the penetrating configuration. In the cutting configuration, the
10 cutting loop extends through the cutting loop exit and generally returns to the
preconfigured shape at a cutting angle generally defined by the exit angle. The cutting
loop securing mechanism may be, for example, a cover slidable over the probe, a slidable
member extending from a distal tip of the probe, or a groove defined in the probe
proximal to the cutting loop exit.